

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of : Filtra Systems, Inc.

U.S. Serial No. : 10/783,969

Filed On : Feb. 20, 2005

For : MACHINE TOOL COOLANT SYSTEM

Attorney Docket No. : FSC-190

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REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 8, 2006, applicant respectfully requests reconsideration of the rejection of claims 1-7 under 35 USC 102(b) as being anticipated by Maier (U.S. 5,223,156).

Maier uses a series of elevated tanks 4 into which dirty coolant is pumped from an associated sump 1A, 1B, 1C by pumps 2. The elevated tanks 4 are connected to a return pipe 6 which is connected to a collecting tank 7 beneath the elevated tanks.

A shut off valve 8 and flow sensor 10 are connected to the pipe section above the tank 7. After filling, coolant is returned via clean supply pipe 12.

Flow in the return pipe 6 is controlled by control over the shut off valve 8 which is closed so that the pipes 5 and 6 are normally full, with valve 8 periodically opened to cause a sudden

emptying of tank 4 to clean the pipe 6. Controlling the valve 8 by console 19 apparently is contemplated for continuous flow taking into account the "sedimentation velocity".

Accordingly, there is no disclosure of directing a make up flow of filtered coolant into the collecting pipe 6 nor to control that make up flow to be at a rate just sufficient to maintain a minimum flow velocity of the coolant therein as recited in claim 1. Nor is there any disclosure of connecting a pressure reducing valve in a bypass line for directing clean coolant into the return piping which causes a flow just sufficient to maintain a pressure in said return piping corresponding to the minimum flow velocity as claimed in claim 6.

The addition of a pressure monitoring valve as recited in claim 7 (and claim 4) is likewise not disclosed.

The system of Maier is much more complicated as it requires a series of elevated tanks and complex electrical controls to maintain flow in the pipe 6.

Accordingly, claims 1-7 are urged to define patentably over Maier and to be in condition for allowance.

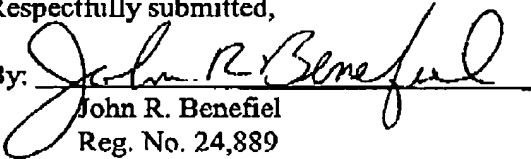
Such action is respectfully requested.

Date: June 5, 2006

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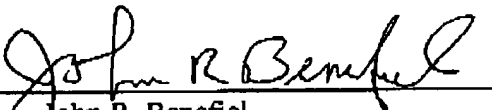
Respectfully submitted,

By:


John R. Benefiel
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CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. 1.8(a)

It is hereby certified that this correspondence, along with any items referred to as being attached or enclosed, is being transmitted to the United States Patent and Trademark Office, Facsimile No. 571-273-8300, on June 5, 2006 .

By: 
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